ELSEVIER

Forensic Science International 129 (2002) 219–221

Forensic Science International

www.elsevier.com/locate/forsciint

# Volume contents

## Volume 129 (2002)

### Nos. 1

*Articles*

Crime scene investigations using portable, non-destructive space exploration technology
J.I. Trombka, J. Schweitzer, C. Selavka, M. Dale, N. Gahn, S. Floyd, J. Marie, M. Hobson, J. Zeosky, K. Martin, T. McClannahan, P. Solomon and E. Gottschang (USA) . . . . . 1–9

A novel multiplex for simultaneous amplification of 20 Y chromosome STR markers
J.M. Butler, R. Schoske, P.M. Vallone, M.C. Kline, A.J. Redd and M.F. Hammer (USA) . . . . . 10–24

The propensity of individuals to deposit DNA and secondary transfer of low level DNA from individuals to inert surfaces
A. Lowe, C. Murray, J. Whitaker, G. Tully and P. Gill (UK) . . . . . 25–34

Recommendations for consistent treatment of length variants in the human mitochondrial DNA control region
M.R. Wilson, M.W. Allard, K. Monson, K.W.P. Miller and B. Budowle (USA) . . . . . 35–42

A report of the 2000 and 2001 Paternity Testing Workshops of the English Speaking Working Group of the International Society for Forensic Genetics
C. Hallenberg and N. Morling (Denmark) . . . . . 43–50

Population studies on three Native Alaska population groups using STR loci
B. Budowle, A. Chidambaram, L. Strickland, C.W. Beheim, G.M. Taft and R. Chakraborty (USA) . . . . . 51–57

Detection of ABH blood group antigens in the saliva of Koreans and their stability according to storage of saliva samples
W. Kim, Y.K. Kim, S.C. Chung, S.W. Lee and H.S. Kho (South Korea) . . . . . 58–63

*Announcements of population data*

STR data for the PowerPlex™ 16 loci for the Chinese population in Hong Kong
M.Y. Law, K.Y. To, S.H. Ho, B.C.M. Pang, L.M. Wong, H.L. Wun, S.K. Yau and K.L. Chan (China) . . . . . 64–67

Genetic profile of the Açores Archipelago population using the new PowerPlex® 16 System Kit
R.G. Velosa, A.T. Fernandes and A. Brehm (Portugal) . . . . . 68–71

Population data of five STRs in three regions from Portugal
A.T. Fernandes and A. Brehm (Portugal) . . . . . 72–74

Allele distribution data of nine short tandem repeat loci for Turkish population: D3S1358, vWA, FGA, D8S1179, D21S11, D18S51, D5S818, D13S317, D7S820
F. Asıcıoglu, F. Akyüz, Ü. Çetinkaya and U. Özbek (Turkey) . . . . . 75–77

Genetic profile of a multi-ethnic population from Guiné-Bissau (west African coast) using the new PowerPlex® 16 System kit
R. Gonçalves, J. Jesus, A.T. Fernandes and A. Brehm (Portugal) . . . . . 78–80

*Book review*

Pathology of Drug Abuse, 3rd Edition
C.L. Winek (USA) . . . . . 81

Diary of future events . . . . . 82–83

PII: S0379-0738(02)00339-0

## No. 2

*Articles*

A new pentaplex system to study short tandem repeat markers of forensic interest on X chromosome
M.T. Zarrabeitia, T. Amigo, C. Sañudo, A. Zarrabeitia, D. González-Lamuño and J.A. Riancho (Spain) . . . . 85–89

Implications for DNA identification arising from an analysis of Australian forensic databases
K.L. Ayres, J. Chaseling and D.J. Balding (UK, Australia) . . . . . 90–98

Sequence variation and allele nomenclature for the X-linked STRs DXS9895, DXS8378, DXS7132, DXS6800, DXS7133, GATA172D05, DXS7423 and DXS8377
J. Edelmann, D. Deichsel, S. Hering, I. Plate and R. Szibor (Germany). . . . . 99–103

A case of fatal hemorrhage in the cerebral ventricles following intravenous use of methamphetamine
F. Moriya and Y. Hashimoto (Japan) . . . . . 104–109

Dental age estimation and third molars: a preliminary study
K. Mesotten, K. Gunst, A. Carbonez and G. Willems (Belgium) . . . . . 110–115

Causes of sudden natural death in Jamaica: a medicolegal (coroner's) autopsy study from the University Hospital of the West Indies
C.T. Escoffery and S.E. Shirley (Jamaica) . . . . . 116–121

Intracranial stab injuries: case report and case study
M. Bauer and D. Patzelt (Germany) . . . . . 122–127

*Announcements of population data*

Y-chromosomal STR haplotypes in an Albanian population sample
C. Robino, S. Gino, U. Ricci, P. Grignani, C. Previdere and C. Torre (Italy) . . . . . 128–130

Allele frequencies for 10 STR loci in a population from central Poland
A. Tucholska-Lenart, J. Wujec, J. Samborski and E.G. Jakubowska (Poland) . . . . . 131–133

Allele frequencies of dinucleotide repeat marker loci on the X chromosome in the Japanese population
H. Matsushita, S. Nakamura, T. Nagai, M. Nakamura, H. Sugie, M. Furukawa, T. Komuro and K. Kurihara (Japan). 134–136

STR data for the Amp*Fl*STR SGM *Plus* from Aegean region of Turkey
A. Hadi Çakır, A. Çelebioğlu and F. Şimşek (Turkey). . . . . 137–139

STR data for the Amp*Fl*STR Profiler Plus loci from Murcia region (SE Spain)
A. Torío, M.R. Moya-Quiles, A. Luna and M.R. Álvarez-López (Spain) . . . . . 140–141

Letter to the editor . . . . . 142–144

Diary of future events . . . . . 145–146

## No. 3

Editorial . . . . . 147

Paternity Testing Commission of the International Society of Forensic Genetics: recommendations on genetic investigations in paternity cases
N. Morling, R.W. Allen, A. Carracedo, H. Geada, F. Guidet, C. Hallenberg, W. Martin, W.R. Mayr, B. Olaisen, V.L. Pascali and P.M. Schneider (Denmark, USA, Spain, Portugal, France, Germany, Austria, Norway, Italy). 148–157

*Regular articles*

Allelic alterations at the STR markers in the buccal tissue cells of oral cancer patients and the oral epithelial cells of healthy betel quid-chewers: an evaluation of forensic applicability
C.-Y. Pai, L.-L. Hsieh, C.-W. Tsai, F.-S. Chiou, C.-H. Yang and B.-D. Hsu (Taiwan) . . . . . 158–167

Hair-MAP: a prototype automated system for forensic hair comparison and analysis
M.S. Verma, L. Pratt, C. Ganesh and C. Medina (USA) . . . . . 168–186

Fatal malignant hyperthermia—delayed onset and atypical course
B. Karger and K. Teige (Germany) . . . . . 187–190

Suicide by a power drill
R. Hausmann and P. Betz (Germany) . . . . . 191–193

4-Dimethylaminopyridine as a catalyst in heroin synthesis
S. Klemenc (Slovenia). . . . . 194–199
Estimation of length of calcaneum and talus from their bony markers
S. Koshy, S. Vettivel and K.G. Selvaraj (India). . . . . 200–204
The calcaneus: sex assessment of prehistoric New Zealand Polynesian skeletal remains
A.M.C. Murphy (Australia) . . . . . 205–208
Sequencing strategy of mitochondrial HV1 and HV2 DNA with length heteroplasmy
E.M. Rasmussen, E. Sørensen, B. Eriksen, H.J. Larsen and N. Morling (Denmark) . . . . . 209–213

*Announcements of population data*
STR data for the AmpFLSTR® Profiler™ loci from Sinkiang (NW China)
X. Wang, S. Gao, J. Lai and S. Li (China). . . . . 214–215
Genetic data on eight STRs (D5S818, D7S820, F13B, LPL, TH01, TPOX, VWA31, CSF1PO) from a Colombian population
M.A. Acosta, M. Brion, M.V. Lareu and Á. Carracedo (Colombia, Spain). . . . . 216–218

Volume contents . . . . . 219–221
Author index . . . . . 222–223
Subject index . . . . . 224–229